

Amendment to the Specification:

Please replace the paragraph starting on page 33, line 20, with the following amended paragraph:

The actuators 300 and 400 have been described herein as being limited to moving in the y-direction 140 and the x-direction 150. In an embodiment of the position sensing device 200, the actuators 300 and 400 also move in a z-direction 160, Figs. 1 and 6 g, wherein the z-direction 160 has a positive z-direction 162 and a negative z-direction 164. The z-direction 160 may be substantially normal to a plane defined by the y-direction 140 and the x-direction 150. This movement in the z-direction 160 moves the two-dimensional photosensor assembly 230 relative to the lens 250. This movement in the z-direction 160 is used to focus an image of the surface 182 onto the two-dimensional photosensor assembly 230. This allows a more defined image of the distinct features to be focused onto the two-dimensional photosensor assembly 230, which, in turn, improves the accuracy to which the position sensing device 200 determines the position of the scanning device 100 relative to the surface 182.